

MD iMap Template – Getting Started



What You Will Need Checklist:

- ☐ Microsoft Operating Systems: 1, Server 2008 and above.
- ☐ A working web server, preferably Microsoft IIS.
Mostly due to the .NET proxy file used by the template.
- ☐ Archiving/Compression Software (e.g. – 7z).
- ☐ Simple Editor (e.g. – Notepad++ or Microsoft Notepad).
- ☐ The template works best with the latest versions of Google Chrome and Mozilla Firefox.
Consider installing web developer plug-ins if you haven't already. These can be found by the F12 key in your web browser.
- ☐ The MD iMap Template Software.

Get the Template!

Go to the Maryland Geographic Information Office Github site: <https://github.com/mdgio>

- Click on “imap” (<https://github.com/mdgio/iMap>) and Click the “Download Zip” button.
- Click on “xstyles” (<https://github.com/mdgio/xstyle>) and Click the “Download Zip” button.

Unpack and Install the Template

- Unzip the imap package to your main web server directory
For instance, many test servers for “localhost” have folder/files under “C:\inetpub\wwwroot” Microsoft’s IIS.
- Unzip the xstyle contents in your install location for imap.
Specifically the contents of xstyle will go in the xstyle folder of imap found here: “src\libs\xstyle”.
Note: Do not nest the xstyle folder (“src\libs\xstyle\xstyle”), simply replace the existing xstyle folder.

Suggestions

- Review the imap’s wiki pages at <https://github.com/mdgio/iMap/wiki> for detailed information on imap.
- In IIS, create a virtual directory “imap” and point it to the folder where the “index.html” file resides (e.g. – “imap/basicviewer/index.html”).

Important Files to Know:

- **app.js**
 - *Purpose:* This file allows for coding in a particular ArcGIS Online webmap and configuring the template themes, logos, description and tools to be included.

- *Location:* imap\basicviewer\src\modules\core\configuration\
- *Github View:*
<https://github.com/mdgio/iMap/blob/master/basicviewer/src/modules/core/configuration/app.js>
- **webmap.js**
 - *Purpose:* This file allows for use of an ArcGIS REST service instead of an ArcGIS Online webmap within the template. Some coding/configuration will be necessary.
 - *Location:* imap\basicviewer\
 - *Github View:* <https://github.com/mdgio/iMap/blob/master/basicviewer/webmap.js>
- **AddLayers.js**
 - *Purpose:* Add files from ArcGIS REST services to the “Add Data” tab of the template.
Populate the services via the ArcGISservicestoJSON Python script found in AGStoJSON directory.
 - *Location:* imap\basicviewer\
 - *Github View:* <https://github.com/mdgio/iMap/blob/master/basicviewer/AddLayers.js>